

TEST PROPERTY	TEST METHOD	SPECIFICATION LIMITS
Abrasion	Taber Abraser CS-10, 1000 gm load, 1000 cycles, D 1044	100 mg max weight loss
Adhesion	D 3359, Initial & 1000 hr, Method A	Rating 5A
Gloss	D 523, Initial 500 hr 1000 hr	82% @ 60° 90% @ 60°
Hardness	D 3363	2H - No Gouge
Impact	D 2794	Pass 80 in.·lb
Salt Spray Resistance	B 117, D 1654 1000 hr unscribed 400 hr scribed	Table 2, Rating 10 Table 2, Rating 10
Weather Resistance	G 23, 102 minutes of light followed by 18 minutes of light & Water Spray as in Method I.	No film failure
Thickness	G 12	7 ± 2 mil
Color	Federal Standard 595	Color No. 20040 or as specified in Contract Documents
Infrared Spectrogram	Equipment Manufacturer's Procedure	Match original
Flexibility	1/4 in. Mandrel 180° bend in 1 second, cured per manufacturer's recommendations or specimen prepared by manufacturer.	No breaks, flaking, or cracks. Tested with a Q- panel with no cracking.
Humidity	D 2247, 1000 hr	No blistering.

917.03.02 Certification. The manufacturer shall furnish certification as specified in TC-1.02.

SECTION 918 — TRAFFIC BARRIERS

918.00 CERTIFICATION. The manufacturer shall furnish certification as specified in TC-1.02.

918.01 TRAFFIC BARRIER W BEAM. Rail elements and end treatments shall conform to M 180, Type II or IV. In lieu of galvanizing, rail elements may be coated with a minimum of 5 mil dry film thickness of inorganic zinc rich primer conforming to 912.02.01. The primer shall be applied in conformance with Section 435 after the rail elements are fabricated.

918.02 TRAFFIC BARRIER POSTS. Posts shall conform to M 183 for steel and M 111 for galvanized coating. In lieu of galvanizing, posts may be coated with a minimum of 5 mil dry film thickness of inorganic zinc rich primer conforming to 912.02.01. The primer shall be applied as specified by the manufacturer after the posts are fabricated.

918.03 HARDWARE FOR TRAFFIC BARRIERS. Hardware for traffic barriers shall conform to M 183 for quality of steel and M 232 for galvanized coating.

918.04 TIMBER RAIL AND POSTS. Timber rail and posts shall conform to M 168.

918.05 WIRE ROPE. Wire rope shall conform to Federal Specification RR-W-410, Type I, General Purpose, Class 2, 6 by 19, improved plow steel, fiber core. The individual wire strands shall have a zinc coating of 0.8 oz/ft² when tested as specified in T 65.

SECTION 919 — RESERVED

SECTION 920 — LANDSCAPING

920.01 TOPSOIL AND SUBSOIL.

920.01.01 Salvaged Topsoil. Salvaged topsoil shall be that surface material to be salvaged from the project which has been classified as topsoil as specified in the Contract Documents.

920.01.02 Furnished Topsoil. Furnished topsoil shall be natural, friable surface soil uniform in color and texture and not supplied from the project. Topsoil shall be free from any parts of Johnsongrass, Canada Thistle, or Phragmites.

Topsoil shall have an organic content between 1.5 to 10.0 percent by weight when tested as specified in T 194. Furnished topsoil shall have a corrected pH value of not less than 6.0 nor more than 7.5.